

**FIG. 1**

Filed: March 16, 2001

## For METHOD FOR PRODUCING PLANTS

HAVING AN INCREASED TOLERANCE...

Inventor: Rhode, et al.

ATTy Docket No. 009848/0276439

Revised Figure 2 of 8, Sheet 2 of 8



XhoI

CTCGAG

AACAATGGCAGAGCTCGGATCCGGATCCGAGCTCCACCGGGTGGCGCGCTCTAGAACT  
M A E L G S G S E L H R G G G R S R T

AGTAGTCAACGGTGTGTACAACAACCAAGGAGGCGGAAGCAATCCCTTCGCAGGCG  
S T S T V V Y N N Q G G E E G N P F A G A

CGCTAACAGAGTTCAGCCAGTGGTTATGGTCAAGGCGCTCTGGGCAACCCAGGCGCGAAGA  
L T E F S Q W L W S R P L G N P G A E D

CGTAGAAGAGGAGGCAATCGCCGCTCAAGAAGAACTGGAGTTCCTCCGAGGACGAGGCTCAA  
V E E A I A A Q E E L E F P E D E A Q

GCGAGACATTGCTGTTTACAAGGACAACCTCATGGGCAACTCCCAAGGAAGTTTCACCTT  
A R H S C L Q R T T S W A T P K E V S P S

CGGGCCGAGTCTATCAGACTGTCCGGCATTCAGGATGGAATACTCAAGGCCTACCATGAG  
G R V Y Q T V R H S R M E Y S R P T M S

TATAAGATCAAGCATCTTACTTCAGTTCGTCAAGGAGGCGCTCTTCCACCTCCTCCGGCT  
I R S Q A A S Y F S S S A R P L P P P A

CCATCGCTTATGAGTTGGACCCCATTTGCAAAGTATCATCCCTCCAGTCTACGTCAACAA  
P S L M S W T P I A K Y H P S S P T S T S

GTTCCAAATTACGAAGGCGGCGCCAAACTTATCAAGCGCGGATGATAA GGTACC  
S K L R R A A P K L I K R G + + KpnI

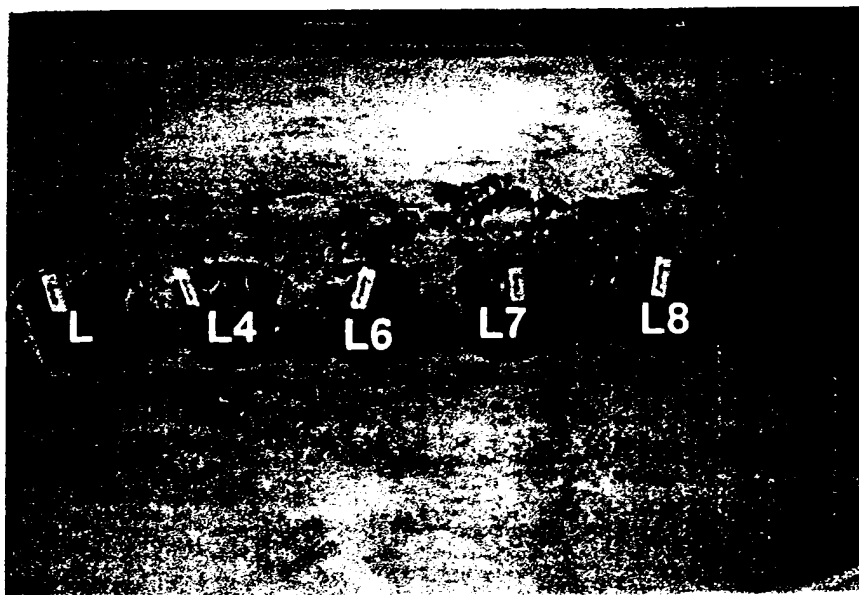
FIG. 2



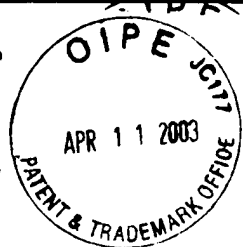
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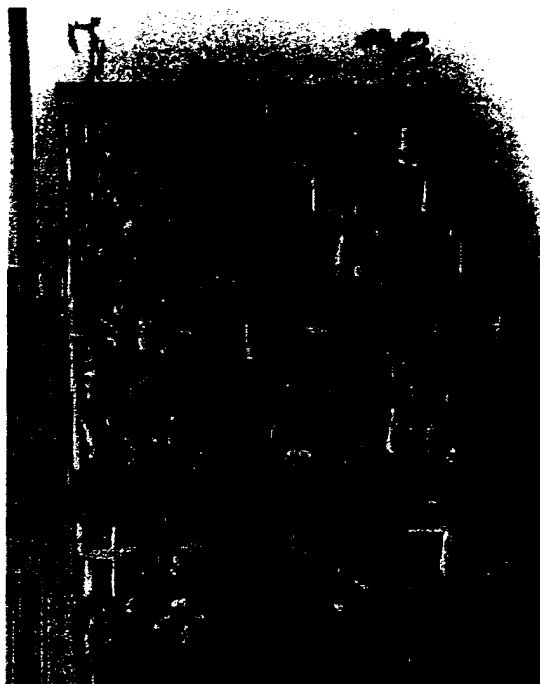
**FIG. 3A**



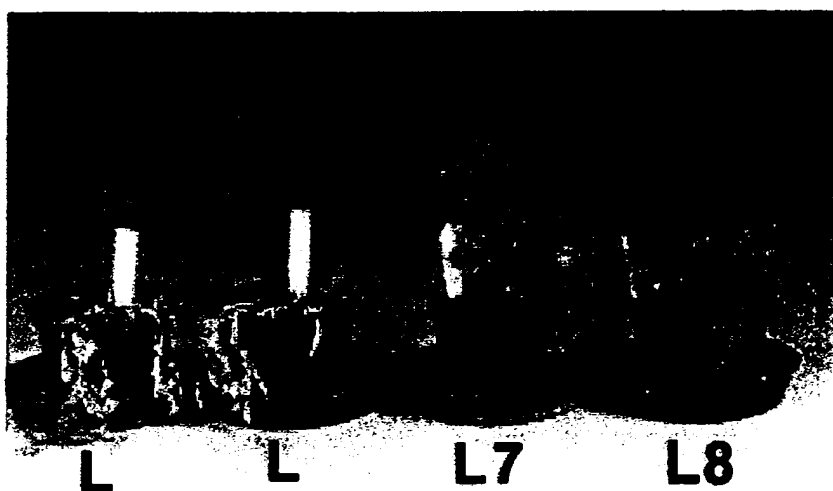
**FIG. 3B**



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**FIG. 4A**

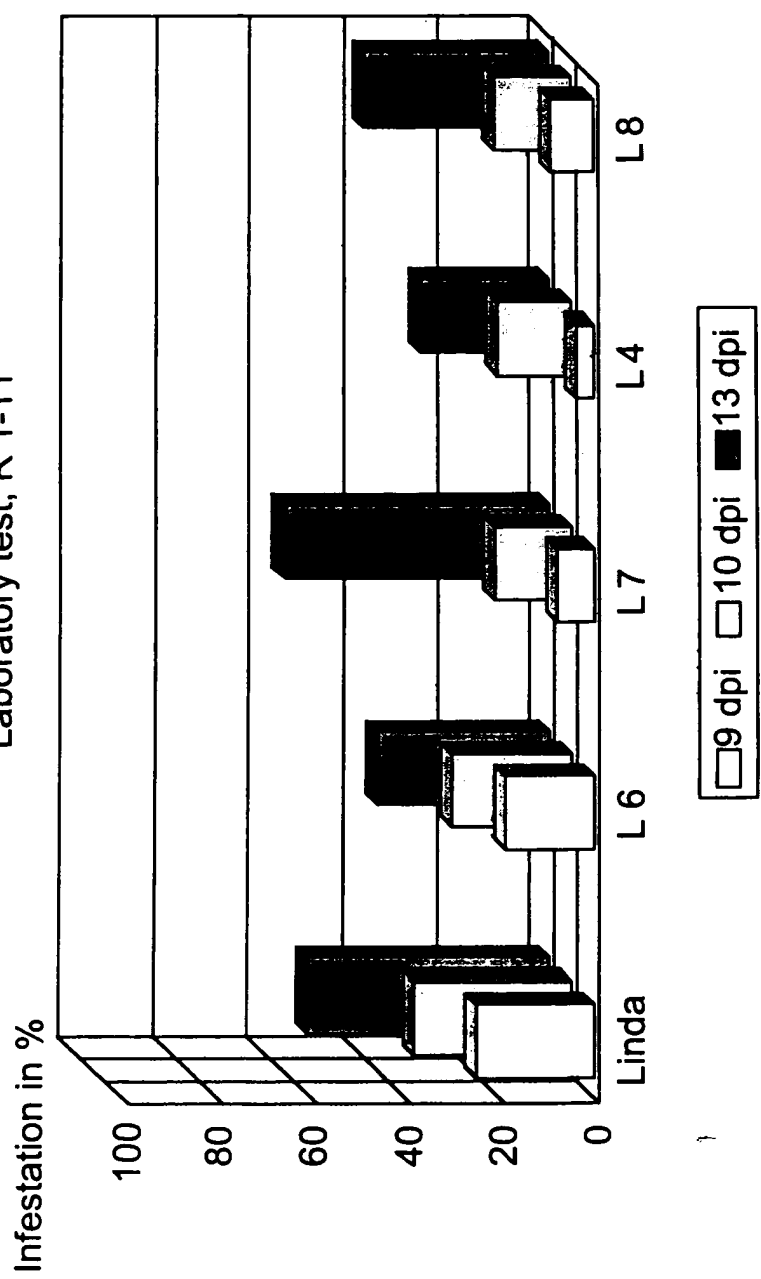


**FIG. 4B**



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Phytophthora infestans-infestation on Linda etc.  
Laboratory test, R 1-11

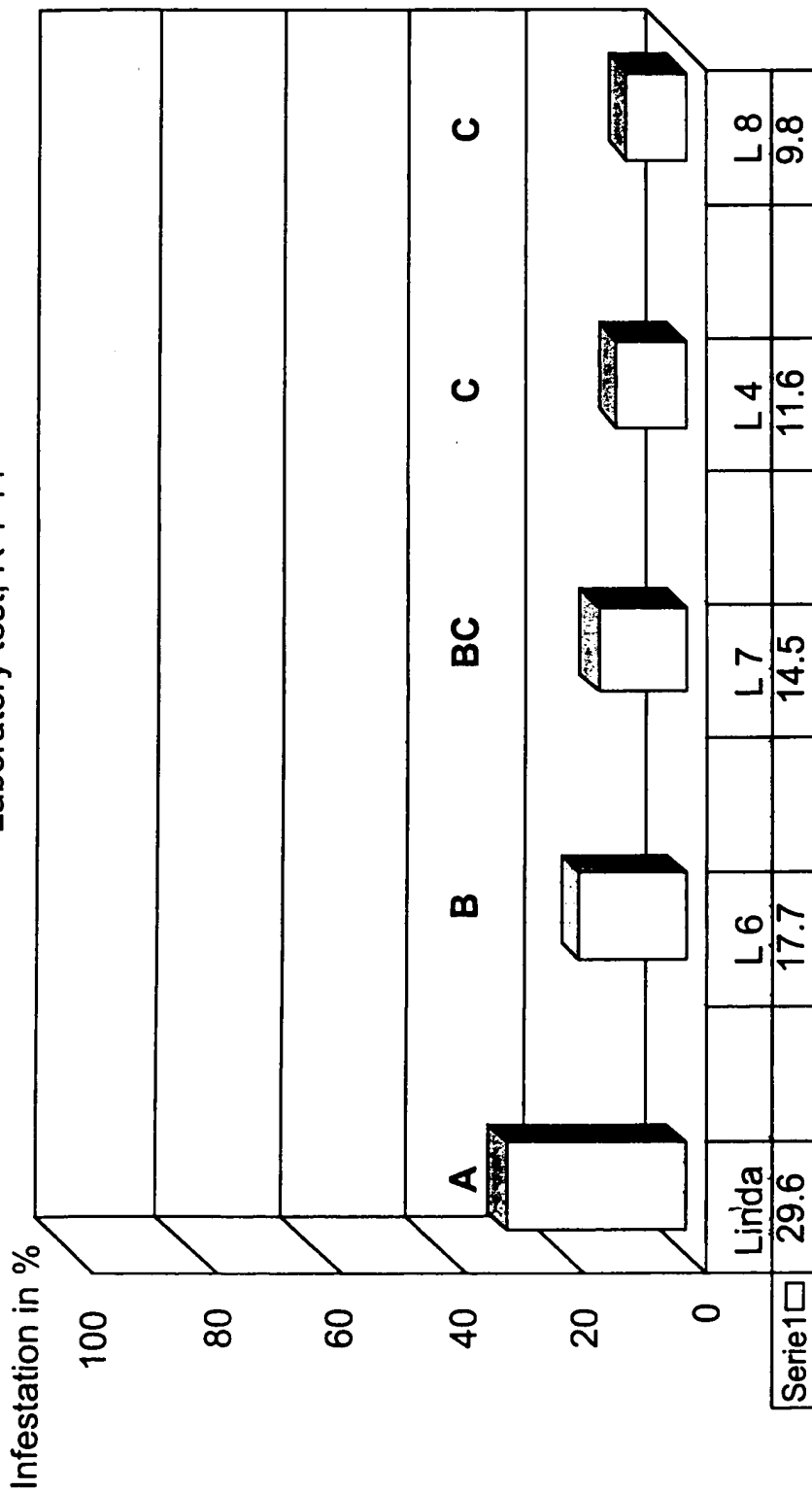


2nd test, October 1997

FIG. 5

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Phytophthora infestans-infestation on Linda etc.  
 Laboratory test, R 1-11

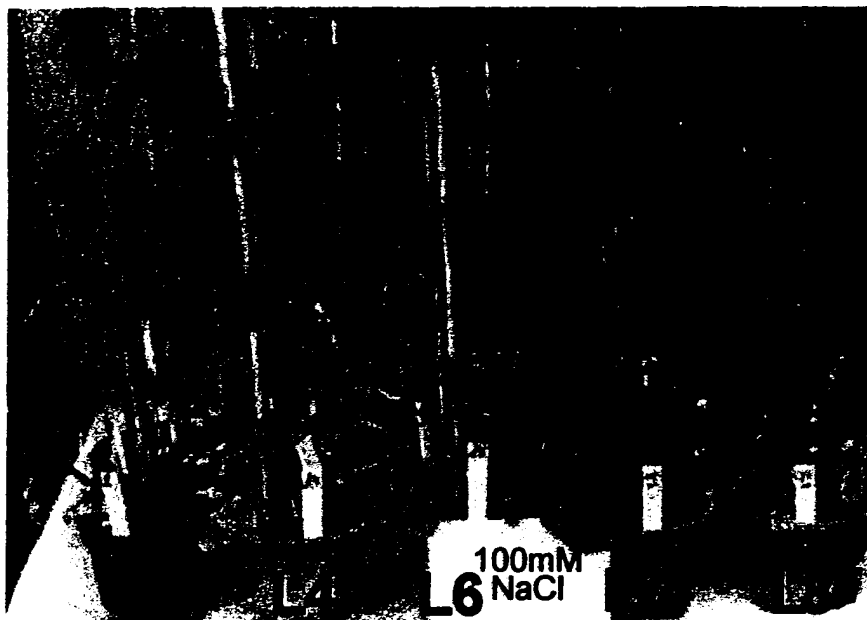


Average of 2 tests, Aug. and Oct. 1997, 10 dpi  
 Wicoxon test: pillars with unequal letters differ from each other significantly at  $P < 0.05$

FIG. 6



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**FIG. 7A**



**FIG. 7B**



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**FIG. 8**